

**From:** [Mitchell, Tanya](#)  
**To:** [Walls \(Young\), Suzy](#); [Persico, John](#)  
**Subject:** RE: Rolling Knolls - FCR-09 Proposed Analyses at Existing Wells  
**Date:** Tuesday, July 07, 2015 12:29:27 PM

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Hi Suzy,

It appears that you are out in the field this week. I have a few questions on FCR-09 as follows:

1. FCR-09 states that the GW monitoring began 6/22. Which MWs have been sampled to date.
2. The Reason for Deviation makes reference to a "selection process." Can you provide specific details of the process? Was there some type of GW criteria applied?
3. FCR-09 makes reference to full TAL/TCL but no mention of SVOCs (SIM) or TAL metals filtered and cyanide. Please confirm if these parameters will be analyzed as in Table 1 of the approved SAP.
4. Please clarify the reason for FCR-09. One section states, "This FCR identifies existing monitoring wells that will be sampled as part of the second round of Data Gaps SAP groundwater sampling, and the analytical parameters for each of these wells." and the following section states "This FCR is being submitted as a form of documentation for the analysis selection process." If the analytical parameters are the same as in the approved SAP then there is no need to document the analytical parameters.

Your response to the aforementioned questions will aid in completing my review of FCR-09.

Thanks,  
Tanya

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**From:** Walls (Young), Suzy [mailto:[Suzy.Walls@arcadis-us.com](mailto:Suzy.Walls@arcadis-us.com)]

**Sent:** Monday, July 06, 2015 5:04 PM

**To:** Mitchell, Tanya

**Cc:** Gary M. Fisher; Draikiwicz, Michael; ' ([pete.bergeron@chevron.com](mailto:pete.bergeron@chevron.com))'; Persico, John; Ricci, Richard F.; [mfaigen@issuesllc.com](mailto:mfaigen@issuesllc.com); Guthertz, Andrew

**Subject:** RE: Rolling Knolls - FCR-09 Proposed Analyses at Existing Wells

Tanya,

The revised FCR-09 is attached for your review. I have included both a RLSO version and a clean version.

The Group has decided to sample all existing monitoring wells (MW-1 through MW-10 and X-1 through X-7) for the full TCL/TAL parameter list. This change is reflected in the attached FCR. We have also noted that MW-13 will be replaced with pore-water sampling and we have removed it from Figure 1.

Please let me know if you have any comments or questions.

Thanks,  
Suzy

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**From:** Mitchell, Tanya [mailto:[Mitchell.Tanya@epa.gov](mailto:Mitchell.Tanya@epa.gov)]

**Sent:** Tuesday, June 30, 2015 3:28 PM

**To:** Walls (Young), Suzy

**Cc:** Gary M. Fisher; Draikiwicz, Michael; ' ([pete.bergeron@chevron.com](mailto:pete.bergeron@chevron.com))'; Persico, John

**Subject:** RE: Rolling Knolls - FCR-09 Proposed Analyses at Existing Wells

**Confirmation of this email is requested.**

Suzy,

I have reviewed FCR-09 and it is not approved as submitted. Please update FCR-09 to reflect that MW-13 has been changed to pore water samples. The purpose of the FCR-09 is to document the additional MW that will be sampled during the second phase. EPA's position on MW sampling parameters shall remain the same as documented in Table 1 of the approved Data Gaps SAP dated November 2014. Please revise FCR-09 and the attached Table as noted. In addition, there is some

concern regarding MW-10. Please clarify if this MW will be sampled during the second phase of sampling.

Please note that all changes to the SAP/ QAPP must be approved by EPA. Thus, no sampling and/or field activities associated with FCRs should occur prior to EPA's approval of the FCR.

A revised FCR-09 is requested within three days of receipt of this email. Should you have any questions or concerns regarding this email, please notify me upon receipt of this email.

Regards,

Tanya

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**From:** Walls (Young), Suzy [<mailto:Suzy.Walls@arcadis-us.com>]

**Sent:** Wednesday, June 10, 2015 5:35 PM

**To:** Mitchell, Tanya

**Cc:** Ricci, Richard F.; Gary M. Fisher; Draikiwicz, Michael; ' ([pete.bergeron@chevron.com](mailto:pete.bergeron@chevron.com))'; [mfaigen@issuesllc.com](mailto:mfaigen@issuesllc.com); Persico, John; Guthertz, Andrew

**Subject:** Rolling Knolls - FCR-09 Proposed Analyses at Existing Wells

Tanya,

The Field Change Request for the selection of analyses at existing monitoring wells during the second round of groundwater sampling is attached. Please let me know if you have any questions or comments.

Thanks,

Suzy

**Suzy Walls** | Ecologist / Certified Project Manager | [suzy.walls@arcadis-us.com](mailto:suzy.walls@arcadis-us.com)

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